

Prysby, Mike (DEQ)

From: Dean Oparka <DOparka@rowepsc.com>
Sent: Monday, March 04, 2013 1:21 PM
To: Prysby, Mike (DEQ)
Cc: Jeff Markstrom
Subject: Flint 30 & 24-inch WM

Mike,

In response to your concerns of fewer connections between the 24-inch transmission main in the Iroquois corridor we offer the following explanation. It is our understanding the purpose of this transmission main is to convey water to the southwest portion of Flint. In the Iroquois corridor alone there are 18 connections (1 about every 300 feet) feeding off the transmission main. With the aid of our water system hydraulic modeling software, we were able to reliably eliminate 4 connections. Based the modeling data, there would be little or no loss of capacity in the Iroquois corridor with the elimination of these 4 connections. There are 12-inch mains located a couple blocks east and west of Iroquois corridor, one along Chevrolet Ave to the other along Martin L. King Avenue that are able to fulfill the demands in the area even without these four connections. If you have any other questions or concerns my contact information is provided below.

Thanks,

Dean A. Oparka, P.E.

Senior Project Engineer

Rowe Professional Services Company

Mail: P.O. Box 3748

Location: 540 S. Saginaw Street

Flint, MI 48502

Office Phone: (810)-341-7500

Cell phone: (810)-701-8217

PERMIT APPLICATION FOR WATER SUPPLY SYSTEMS (CONSTRUCTION - ALTERATION - ADDITION OR IMPROVEMENT) AS DESCRIBED HEREIN Required under the Authority of 1976 PA 399, as amended

ENTERED

This application becomes an Act 399 Permit only when signed and issued by authorized Michigan Department of Natural Resources and Environment (DNRE) Staff. See instructions below for completion of this application.

1. Municipality or Organization, Address and WSSN that will own or control the water facilities to be constructed. This permit is to be issued to: City of Flint Water Service Center 3310 E. Court Street Flint, MI 48506 WSSN: 2310	Permit Stamp Area (DNRE use only) MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY PERMIT NO. W 131020 MAR 18 2013 EXAMINED AND APPROVED FOR COMPLIANCE WITH ACT 399, P.A. 1976 MFL	
2. Owner's Contact Person (provide name for questions): Contact: Rob Bincsik Title: Supervisor of Water Distribution & Sewer Phone: (810)-766-7202	4. Project Location (City, Village, Township): City of Flint	
3. Project Name (Provide phase number if project is segmented): 24-inch Water Main Replacement	5. County (location of project): Genesee	

ISSUED UNDER THE AUTHORITY OF THE DIRECTOR OF THE DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENT

cc:

DEQ
RESOURCE MANAGEMENT DIVISION

OCT 10 2012

Issued by:

Michael Proby

Reviewed by: _____

☐ **If this box is marked see attached special conditions.**

Instructions: Complete items 1 through 5 above and 6 through 21 on the following pages of this application. Print or type all information except for signatures. Mail completed application, plans and specifications, and any attachments to the DNRE District Office having jurisdiction in the area of the proposed construction.

Please Note:

- This **PERMIT** only authorizes the construction, alteration, addition or improvement of the water system described herein and is issued solely under the authority of 1976 PA 399, as amended.
- The issuance of this **PERMIT** does not authorize violation of any federal, state or local laws or regulations, nor does it obviate the necessity of obtaining such permits, including any other DNRE permits, or approvals from other units of government as may be required by law.
- This **PERMIT** expires two (2) years after the date of issuance in accordance with R 325.11306, 1976 PA 399, administrative rules, unless construction has been initiated prior to expiration.
- Noncompliance with the conditions of this permit and the requirements of the Act constitutes a violation of the Act.
- Applicant must give notice to public utilities in accordance with 1974 PA 53, (MISS DIG), being Section 460.701 to 460.718 of the Michigan Compiled Laws, and comply with each of the requirements of that Act.
- All earth changing activities must be conducted in accordance with the requirements of the Soil Erosion and Sedimentation Control Act, Part 91, 1994 PA 451, as amended.
- All construction activity impacting wetlands must be conducted in accordance with the Wetland Protection Act, Part 303, 1994 PA 451, as amended.
- Intentionally providing false information in this application constitutes fraud which is punishable by fine and/or imprisonment.
- Where applicable for water withdrawals, the issuance of this permit indicates compliance with the requirements of Part 327 of Act 451, Great Lakes Preservation Act.